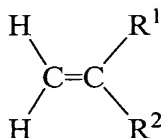


IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A copolymer ~~Copolymer~~ which is suitable for preparing additives for solvent deparaffinization of paraffinic mineral oil distillates, and which is polymerized from ~~consists of~~ free-radically polymerizable monomers of the following formulae A and B:

Formula A:



where

$\text{R}^1 = \text{H}$ or CH_3 ,

$\text{R}^2 =$ phenyl, benzyl, naphthyl, anthranyl, phenanthryl, N-pyrrolidonyl,

N-imidazolyl, 2-pyridyl, 4-pyridyl or an alkyl-substituted aromatic substituent or

$\text{R}^2 = \text{COOR}^3$ where $\text{R}^3 = \text{H}$ or R^3 is a linear or branched alkyl radical of $\text{C}_1\text{-C}_{10}$

or R^3 is a heteroatom-substituted radical $-(\text{CH}_2)_n\text{X}$ where $\text{X} = \text{OH}$ or $\text{X} =$

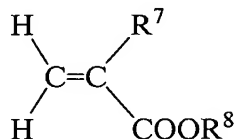
$\text{N}(\text{R}^4)_2$ where $n = 1\text{-}10$ and R^4 is in each case independently H or $\text{R}^4 = \text{C}_1\text{-C}_4\text{-alkyl}$

or R^3 is $-(\text{CH}_2\text{CH}_2\text{O})_m\text{R}^5$ where $m = 1\text{-}90$ and $\text{R}^5 = \text{H}$ or $\text{R}^5 = \text{C}_1\text{-C}_{18}$ or R^3 is a benzyl, phenyl or cyclohexyl radical

or $\text{R}^2 = \text{CONHR}^6$ where $\text{R}^6 = \text{H}$ or R^6 is a linear or branched alkyl radical of $\text{C}_1\text{-C}_{10}$

or R^6 is a heteroatom-substituted radical $-(CH_2)_nX$ where $X = OH$ or $X = N(R^4)_2$ where $n = 1-10$ and R^4 is in each case independently H or $R^4 = C_1-C_4$ -alkyl;

Formula B:



where $R^7 = H$ or CH_3

and the R^8 radical = linear or branched alkyl radicals of $C_{12}-C_{40}$.

Claim 2 (Currently Amended): The copolymer ~~Copolymer~~ according to Claim 1, wherein characterized in that the proportion by weight of the monomer A in the total weight of the copolymer is 0.1-70%.

Claim 3 (Currently Amended): The copolymer ~~Copolymer~~ according to Claim 1 ~~or 2~~, wherein characterized in that at least 50% of the monomers B contain alkyl radicals R^8 of chain length greater than or equal to C_{16} .

Claim 4 (Currently Amended): The copolymer ~~Copolymer~~ according to ~~one of~~ Claims 1-3 Claim 1, wherein characterized in that the monomer monomers of formula A ~~consists~~ consist of one or more ~~of the~~ monomers selected from styrene, butyl methacrylate, methyl methacrylate or 2-ethylhexyl methacrylate.

Claim 5 (Currently Amended): A polymer ~~Polymer~~ mixture comprising one or more copolymers according to ~~Claims 1 to 4~~ Claim 1, and also one or more further homo- or copolymers which are polyalkyl methacrylates and have alkyl substituents of chain length C₁-C₂₄.

Claim 6 (Currently Amended): The polymer ~~Polymer~~ mixture according to Claim 5, ~~wherein characterized in that~~ the further homo- or copolymers have alkyl substituents of chain length C₁₂-C₁₈.

Claim 7 (Currently Amended): The polymer ~~Polymer~~ mixture according to Claim 5 ~~or 6, wherein characterized in that~~ the ratio of the copolymers and the further homo- or copolymers is 1:20 to 20:1.

Claim 8 (Currently Amended): The polymer ~~Polymer~~ mixture according to ~~Claims 5 to 7~~ Claim 5, ~~wherein characterized in that~~ the further homo- or copolymer is a polyalkyl methacrylate which contains up to 20% by weight of C₁-C₁₀ methacrylates.

Claim 9 (Currently Amended): The Copolymer or polymer ~~Copolymer or polymer~~ mixture according to ~~one or more of Claims 1 to 8~~ Claim 5, ~~wherein characterized in that~~ the molecular weight of the polymers used, is between 10,000 and 3,000,000 g/mol.

Claim 10 (Currently Amended): A process ~~Process~~ for preparing the polymer components according to ~~Claims 1 to 9~~ Claim 5, in a manner known per se in a batch process by introducing all of the monomers used into the initial charge, or in a feed process by synthesizing at least one of the polymers of the polymer mixture using an increased

concentration of at least one of the monomers used in the initial monomer charge in comparison to the other monomer types used with the aim of preparing a polymer mixture in which different polymers are present with regard to the monomer composition.

Claim 11 (Currently Amended): A dewaxing ~~Dewaxing~~ additive comprising a the copolymer ~~or polymer mixture~~ according to ~~one or more of Claims 1 to 9~~ Claim 1, and, also optionally, further customary ~~additives for~~ dewaxing additives.

Claim 12 (Currently Amended): The dewaxing ~~Dewaxing~~ additive according to Claim 11, wherein ~~characterized in that~~ the dewaxing additive is a solution of the ~~copolymers~~ copolymer ~~or the polymer mixture~~ in an oil of the paraffinic or naphthenic type, or ~~else~~ in an organic solvent.

Claim 13 (Currently Amended): The dewaxing ~~Dewaxing~~ additive according to Claim 12, wherein ~~characterized in that~~ the organic solvent is toluene, xylene and/or naphtha.

Claim 14 (Currently Amended): A method for solvent deparaffinization of paraffinic mineral oil distillates, Use of a comprising adding a dewaxing additive according to ~~one or more of Claims 11 to 13~~ Claim 11, to a dewaxing process ~~for solvent deparaffinization of paraffinic mineral oil distillates.~~

Claim 15 (Currently Amended): The method ~~Use of a dewaxing additive~~ according to Claim 14, wherein ~~characterized in that~~ the addition rate of the copolymer ~~or of the polymer mixture~~ in the dewaxing process is 0.005-0.5%.

Claim 16 (New): A dewaxing additive comprising the polymer mixture according to Claim 5, and, optionally, further customary dewaxing additives.

Claim 17 (New): The dewaxing additive according to Claim 16, wherein the dewaxing additive is a solution of the polymer mixture in an oil of the paraffinic or naphthenic type, or in an organic solvent.

Claim 18 (New): The dewaxing additive according to Claim 17, wherein the organic solvent is toluene, xylene and/or naphtha.

Claim 19 (New): A method for solvent deparaffinization of paraffinic mineral oil distillates, comprising adding a dewaxing additive according to Claim 16, to a dewaxing process.

Claim 20 (New): The method according to Claim 19, wherein the addition rate of the polymer mixture in the dewaxing process is 0.005-0.5%.